

For receiving use only	_
International Application No.	
International Filing Date	
Name of receiving Office and "PCT International Application"	_
Applicant's or agent's file reference (if desired) (12 characters maximum) 1519	

REQUEST				
	International Filing Da	e		
The undersigned requests that the present				
international application be processed	Nome of receiving Off	as and "DCT International Auraliantian"		
according to the Patent Cooperation Treaty.	Name of receiving Offi	ce and "PCT International Application"		
	Applicant's or agent's in (if desired) (12 characte			
Box No. I TITLE OF INVENTION				
JNK INHIBITORS				
Box No. II APPLICANT This person	n is also inventor			
Name and address: (Family name followed by given name; for a legal ent	ity, full official designation.	Telephone No.		
The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residen	he address indicated in this ce is indicated below.)	03-3282-0036		
KYOWA HAKKO KOGYO CO., LTD.		Facsimile No.		
RIOWATIARRO ROGIO CO., LID.		03-3282-1527		
6-1, Ohtemachi 1-chome, Chiyoda-ku, Toky	o 100-8185	Teleprinter No.		
JAPAN		Applicant's registration No. with the Office		
State (that is, country) of nationality:  JP	State (that is, country)  JF			
This person is applicant for the purposes of:  all designated states all designated the United S		the United States indicated in the Supplemental Box		
Box No. III FURTHER APPLICANT(S) AND/OR (FURT	HER) INVENTOR(S)			
Name and address: (Family name followed by given name; for a legal ent The address must include postal code and name of country. The country of t Box is the applicant's State (that is, country) of residence if no State of residence	he address indicated in this	This person is:		
KANAI Fumihiko		applicant only		
c/o Head Office, KYOWA HAKKO KOGYO CO., LTD.				
6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo 100-8185 inventor only (If this check-box is marked, do not fill in below.)				
Japan  Applicant's registration No. with the Office				
		Applicant stegistration No. with the Office		
State (that is, country) of nationality:	State (that is, country)	of residence:		
JP		JP		
This person is applicant for the purposes of:		the United States of America only the States indicated in the Supplemental Box		
Further applicants and/or (further) inventors are indicated of	on a continuation sheet.			
Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE				
The person identified below is hereby/has been appointed to act of the applicant(s) before the competent International Authorities	on behalf as:	agent common representative		
Name and address: (Family name followed by given name; for a legal enti The address must include postal code and name of c		Telephone No.		
		Facsimile No.		
		Teleprinter No.		
Agent's registration No. with the Office				
Address for correspondence: Mark this check-box where space above is used instead to indicate a special address to	no agent or common rep which correspondence s	resentative is/has been appointed and the hould be sent.		

Sheet	No			2		
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Continuation of Box No. III FURTHER APPLICANT(S) A	ND/OR (FURTHER)	INVENTOR(S)
If none of the following sub-boxes is used, this sheet should not	,	• •
Name and address: (Family name followed by given name; for a legal entity The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence KUMAZAWA Toshiaki c/o Tokyo Research Laboratories KYOWA HAKKO KOGYO CO., LTD. 6-6, Asahi-machi 3-chome, Machida-shi, Tok Japan  State (that is, country) of nationality:  JP  This person is applicant all designated the United State of the purposes of:  Name and address: (Family name followed by given name; for a legal entity The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence SAITO Jun-ichi Herbergsgasse 1, 4051 Basel, Switzerland	e address indicated in this e is indicated below.)  Eyo 194-8533  State (that is, country)  JP  States except tees of America  y, full official designation. e address indicated in this	This person is:  applicant only  applicant and inventor inventor only (If this check-box is marked, do not fill in below.)  Applicant's registration No. with the Office  of residence:  the United States of America only the States indicated in the Supplemental Box  This person is:  applicant only  applicant and inventor inventor only (If this check-box is marked, do not fill in below.)
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This person is applicant all designated for the purposes of:		the United States of America only the States indicated in the Supplemental Box
Further applicants and/or (further) inventors are indicated or	n another continuation s	sheet.

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Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)				
If none of the following sub-boxes is used, this sheet should not be included in the request.				
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)  This person is:  applicant only				
ICHIMURA Michio c/o Tokyo Research Laboratories KYOWA HAKKO KOGYO CO., LTD.	applicant and inventor inventor only (If this check-box is marked, do not fill in below.)			
6-6, Asahi-machi 3-chome, Machida-shi, To Japan				
State (that is, country) of nationality:  JP	State (that is, country) of residence:			
This person is applicant all designated all designate	d States except the United States the States indicated in the Supplemental Box			
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State (that is, country) of nationality:	State (that is, country) of residence:			
This person is applicant all designated for the purposes of:	d States except the United States the States indicated in the Supplemental Box			
Further applicants and/or (further) inventors are indicated of	on another continuation sheet.			



DESIGNATION OF STATES Mark the applicable check-boxes below; at least one must be marked. The following designations are hereby made under Rule 4.9(a): **Regional Patent** AP ARIPO Patent: GH Ghana, GM Gambia, KE Kenya, LS Lesotho, MW Malawi, MZ Mozambique, SD Sudan, SL Sierra Leone, SZ Swaziland, TZ United Republic of Tanzania, UG Uganda, ZM Zambia, ZW Zimbabwe, and any other State which is a Contracting State of the Harare Protocol and of the PCT (if other kind of protection or treatment desired, specify on dotted line) Eurasian Patent: AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT European Patent: AT Austria, BE Belgium, BG Bulgaria, CH & LI Switzerland and Liechtenstein, CY Cyprus, CZ Czech Republic, DE Germany, DK Denmark, EE Estonia, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, HU Hungary, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, RO Romania, SE Sweden, SI Slovenia, SK Slovakia, TR Turkey, and any other State which is a Contracting State of the European Patent Convention and of the PCT 🔀 OA OAPI Patent: BF Burkina Faso, BJ Benin, CF Central African Republic, CG Congo, CI Côte d'Ivoire, CM Cameroon, GA Gabon, GN Guinea, GQ Equatorial Guinea, GW Guinea-Bissau, ML Mali, MR Mauritania, NE Niger, SN Senegal, TD Chad, TG Togo, and any other State which is a member State of OAPI and a Contracting State of the PCT (if other kind National Patent (if other kind of protection or treatment desired, specify on dotted line): HU Hungary ...... PG Papua New Guinea AG Antigua and Barbuda PH Philippines ..... RO Romania BA Bosnia and Herzegovina ...... KE Kenya ..... BB Barbados SC Seychelles KG Kyrgyzstan SD Sudan BR Brazil..... X BY Belarus ..... X SG Singapore LC Saint Lucia CH & LI Switzerland and Liechtenstein LK Sri Lanka SY Syrian Arab Republic TJ Tajikistan ..... CR Costa Rica ...... 💢 LT Lithuania TN Tunisia ..... **X** UA Ukraine ..... M Dominica Macedonia ..... 

 Image: Spain of the properties of GB United Kingdom GD Grenada 

 Image: Control of the properties o **ZM** Zambia M Gambia Check-boxes below reserved for designating States which have become party to the PCT after issuance of this sheet:

Precautionary Designation Statement: In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)

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Sheet No	. 5
SHEELING	,

Box No. VI PRIORITY	CLAIM				
The priority of the following earlier application(s) is hereby claimed:					
Filing date	Number	v	Where earlier application	is:	
of earlier application (day/month/year)	of earlier application	national application: country or Member of WTO	regional application:* regional Office	international application: receiving Office	
item (1) 03.12.02	Patent Application No. 2002-351345	JP			
item (2)		,			
item (3)	,				
item (4)			·		
item (5)					
Further priority claims	are indicated in the Suppleme	ental Box.			
The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the purposes of this international application is the receiving Office) identified above as:					
Box No. VII INTERNAT	Box No. VII INTERNATIONAL SEARCHING AUTHORITY				
Choice of International Searching Authority (ISA) (if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used):  ISA /  Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the International Searching Authority):  Date (day/month/year)  Number  Country (or regional Office)					
Box No. VIII DECLARA	TIONS				
The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark the applicable check-boxes below and indicate in the right column the number of each type of declaration):  Number of declarations					
Box No. VIII (i) Declaration as to the identity of the inventor :					
Box No. VIII (ii)	Box No. VIII (ii) Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent :				
Box No. VIII (iii)	Declaration as to the appl date, to claim the priority		the international filing	:	
Box No. VIII (iv)  Declaration of inventorship (only for the purposes of the designation of the United States of America)					
Box No. VIII (v)	Declaration as to non-preju	udicial disclosures or exce	eptions to lack of novelty	:	

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Box No. IX CHECK LIST; LANGUAGE	OF FILING			
This international application contains:  (a) in paper form, the following number of sheets:	This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in right column the number of each item):  Number of items			
request (including	1. X fee calculation sheet : 1			
declaration sheets) : 6	2.  original separate power of attorney :			
description (excluding sequence listings and/or	3.  original general power of attorney :			
tables related thereto) : 48	4.  copy of general power of attorney; reference number,			
claims : 4	if any:			
abstract : 1	5. statement explaining lack of signature			
drawings : 0	6. priority document(s) identified in Box No. VI as item(s):			
Sub-total number of sheets: 59 sequence listings: 0	7. translation of international application into (language):			
tables related thereto :  (for both, actual number of	8. separate indications concerning deposited microorganism or other biological material			
sheets if filed in paper form, whether or not also filed in	9. sequence listings in computer readable form (indicate type and number of carriers)			
computer readable form; see (c) below) ————————————————————————————————————	(i) ☐ copy submitted for the purposes of international search under Rule 13ter only (and not as part of the international application):			
Total number of sheets : 59  (b) □ only in computer readable form	(ii) (only where check-box (b)(i) or (c)(i) is marked in left column) additional copies including, where applicable, the copy for the			
(Section 801(a)(i))  (i) sequence listings	purposes of international search under Rule 13ter :			
(ii) tables related thereto	(iii) ☐ together with relevant statement as to the identity of the copy or copies with the sequence listings mentioned in left column:  10. ☐ tables in computer readable form related to sequence listings			
(c) also in computer readable form (Section 801(a)(ii))	(indicate type and number of carriers)			
(i) ☐ sequence listings (ii) ☐ tables related thereto	(i) copy submitted for the purposes of international search under Section 802(b-quater) only (and not as part of the international application)			
Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the	(ii) (only where check-box (b)(ii) or (c)(ii) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under Section 802(b-quater):			
sequence listings:				
tables related thereto: copies with the tables mentioned in left column :				
(additional copies to be indicated under items 9(ii) and/or 10(ii), in right column)				
Figure of the drawings which should accompany the abstract:  Language of filing of the international application:  JAPANESE				
Box No. X SIGNATURE OF APPLICAL Next to each signature, indicate the name of the person s	IT, AGENT OR COMMON REPRESENTATIVE gring and the capacity in which the person signs (if such capacity is not obvious from reading the request).			
KYOWA HAKKO KOGYO CO., LTD.	Sealed) KANAI Fumihiko (Sealed) SHIMADA Junichi (Sealed)			
	KUMAZAWA Toshiaki (Sealed) HIROSE Ryo (Sealed)			
	SAITO Jun-ichi (Sealed) ICHIMURA Michio (Sealed)			
1 Date of actual receipt of the manual of	For receiving Office use only			
Date of actual receipt of the purported international application:	2. Drawings:			
2 Compared days - Francis	received:			
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:				
Date of timely receipt of the required corrections under PCT Article 11(2):	not received:			
5. International Searching Authority (if two or more are competent): ISA /  6. Transmittal of search copy delayed until search fee is paid				
For International Bureau use only				
Date of receipt of the record copy by the International Bureau:				